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Docket No. 564462006000

certify that this correspondence is being deposited with the U.S. Postal cice as Express Mail, Airbill No. EV 391 877 875 US, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below

Dated: March /0, 2005

MAR 1 0 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Walter CALLEN et al.

Serial No.: 10/081,739

Filing Date: February 21, 2002

For: ENZYMES HAVING ALPHA

AMYLASE ACTIVITY AND METHODS

OF USE THEREOF

Examiner: M. Rao

Group Art Unit: 1652

SUPPLEMENTAL INFORMATION DISCLOSURE **STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO/SB/08a/b. Copies of non-patent literature are submitted herewith. The Examiner is requested to make these documents of record.

03/15/2005 EABUBAK1 00000082 031952 10081739

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PTO/SB/17 (12-04v2)
Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE d to a collection of information unless it displays a valid OMB control number.

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Fees pursuant to th	Effective on 12/08/ ne Consolidated Approp		R. 4818).	Application Nun		0/081,739		
FFF	TRANS	MITTAL	·	Filing Date		ebruary 21,	2002	
			•	First Named Inv	entor V	Valter CALLI	EN	
	For FY 20)05		Examiner Name		M. Rao		
X Applicant	claims small entity state	us. See 37 CFR 1.2	27	Art Unit	1	652		
TOTAL AMOUN	IT OF PAYMENT	(\$) 180.00)	Attorney Docket	No. 5	6446200600	00	
METHOD OF	PAYMENT (check	all that apply)						
Check	Credit Card	Money Order	Nor	ne Other (please identit	fy):		
x Deposit Acc	count Deposit Acc	ount Number: 03-	1952	_ Deposit Account Na	me:	Morrison &	Foerster LLP	
For the a	bove-identified depo	sit account, the D	Director is	hereby authorize	ed to: (check	all that apply	<i>(</i>)	
x Ch	arge fee(s) indicated	l below		Charge	e fee(s) indi	cated below,	except for the	filing fee
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FEE CALCUL	ATION							
1. BASIC FILING	S, SEARCH, AND E	XAMINATION FE	ES					
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Plant	200	100	300	150	160	80	-	
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Reissue	300	150	500	250	600	300		
Provisional	200	100	0	0	0	0		
2. EXCESS CLA Fee Description	IIM FEES						Fee (\$)	nall Entity Fee (\$)
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3. APPLICATION								
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SUBMITTED BY	/) /	7/2	7					
Signature	2011	ENVE	2	Registration No. (Attorney/Agent)	38,440	Telephone	(858) 720-	5133
Name (Print/Type)	Gregory P. Einho	m				Date	March _9	, 2005

	This In	formation Disclosure Statement is submitted:
	With	the application; accordingly, no fee or separate requirements are required.
	Befor	e the mailing of a first Office Action after the filing of a Request for Continued
	Exam	ination under § 1.114. However, if applicable, a certification under 37 C.F.R. § 1.97
	(e)(1)	has been provided.
	Withi	n three months of the application filing date or before mailing of a first Office Action
	on the	e merits; accordingly, no fee or separate requirements are required. However, if
		cable, a certification under 37 C.F.R. § 1.97 (e)(1) has been provided.
\boxtimes	After	receipt of a first Office Action on the merits but before mailing of a final Office Action
	or No	tice of Allowance.
		A fee is required. A check in the amount of is enclosed.
	\boxtimes	A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to
		this submission in duplicate.
		A Certification under 37 C.F.R. § 1.97(e) is provided above; accordingly; no fee is
		believed to be due.
	After	mailing of a final Office Action or Notice of Allowance, but before payment of the
	issue	fee.
		A Certification under 37 C.F.R. § 1.97(e) is provided above and a check in the
		amount of is enclosed.
		A Certification under 37 C.F.R. § 1.97(e) is provided above and a Fee Transmittal
		form (PTO/SB/17 is attached to this submission in duplicate.)

Applicants would appreciate the Examiner initialing and returning the Form PTO/SB/08a/b, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist;

(iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. § 1.17 (p)) is required, Applicants petitions for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 564462006000. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: March <u>9</u>, 2005

Respectfully submitted,

Gregory P. Einhorn

Registration No.: 38,440

MORRISON & FOERSTER LLP 3811 Valley Centre Drive, Suite 500

San Diego, California 92130

(858) 720-5133



Sub	stitute for form 1449/PTO				Complete if Known per 10/081,739	
				Application Number	10/081,739	
IN	IFORMATION	N DI	SCLOSURE	Filing Date	February 21, 2002	
S	STATEMENT BY APPLICANT	First Named Inventor	Walter CALLEN			
				Art Unit	1652	
	(Use as many sh	eets as	s necessary)	Examiner Name	M. Rao	
Sheet	1	of	1	Attorney Docket Number	564462006000	

	U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

		FOREIG	ON PATENT D	OCUMENTS		
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	

*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1.	Bork, P. (2000). Genome Research 10:348-400.	
	2.	Broun et al. (1998). Science 282:1315-1317.	
	3.	Fox et al. (1991). Anal. Biochem. 195(1):93-96.	
	4.	Seffernick et al. (2001). J. of Bacteriol. 183(8):2405-2410.	
	5.	Van de Loo et al. (1995). Proc. Natl. Acad. Sci. 92(15):6743-6747.	
	6.	Witkowski et al. (1999). Biochemistry 38:11643-11650.	
	7.	Wong et al. (2000). J. Agric. Food Chem., 48(10):4540-4543.	

^{*}EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner	-	Date	
Signature		Considered	

Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

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Under the Paperwork Reduction Act of 1995, no pers	ons are required	U.S. Patent and Tr.	PTO/SB/21 ved for use through 07/31/2006. OMB 0651-00: ademark Office; U.S. DEPARTMENT OF COMM nformation upless it displays a valid OMB control to
TRADE MAN TRADE	ons are required	Application Number	10/081,739
TRANSMITTAL	_	Filing Date	February 21, 2002
FORM	_	First Named Inventor	Walter CALLEN
(to be used for all correspondence after initia	l filing)	Art Unit	1652
(to be used for all correspondence after imital	, ming)	Examiner Name	M. Rao
Total Number of Pages in This Submission	8	Attorney Docket Numb	er 564462006000
ENCL	OSURES	(Check all that app	ly)
X Fee Transmittal Form (1 page + duplicate)	Drawing(s)		After Allowance Communication to TC
Fee Attached	Licensing-rel	ated Papers	Appeal Communication to Board of Appeals and Interferences
Amendment/Reply	Petition		Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
After Final	Petition to Convert to a Provisional Application		Proprietary Information
Affidavits/declaration(s)	Power of Attorney, Revocation Change of Correspondence Address		Status Letter
Extension of Time Request	Terminal Disclaimer		X Other Enclosure(s) (please Identify below):
Express Abandonment Request	Request for Refund		Form PTO/SB/08a/b (1 page + duplicate)
X Information Disclosure Statement (3 pages)	CD, Number of CD(s)		7 References Return Receipt Postcard
Certified Copy of Priority Document(s)	Landso	cape Table on CD	
Reply to Missing Parts/ Incomplete Application	Remarks		
1	USTOMER	NO. 45975	
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Gregory P. Einhorn		···	
March <u>09</u> , 2005		Reg. No.	38,440

Dated: March _______, 2005

Signature Shea Comed